



**UTILITY DECLARATION  
AND POWER OF ATTORNEY**  
Utility Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **AMPHIPHILIC MOLECULAR MODULES AND CONSTRUCTS BASED THEREON** the specification of which .

(Check One) ☐ is attached hereto OR  
☒ was filed on February 7, 2002 as United States Application Serial No. 10/071,377.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified invention application, all of the registered practitioners identified by Customer Number 22249:



22249

PATENT TRADEMARK OFFICE

LYON & LYON LLP  
Suite 4700  
633 W. Fifth Street  
Los Angeles, CA 90071  
(213) 489-1600

Please direct all inquiries to BERNARD F. ROSE, ESQ., at the above Customer Number.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name Timothy	MIDDLE Initial B.	LAST Name Karpishin	
	RESIDENCE & CITIZENSHIP	City Castro Valley	CA	Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS	3030 Todd Court	City Castro Valley	State or Country CA	Zip Code 94546
INVENTOR'S SIGNATURE					DATE <u>Apr. 3/2002</u>

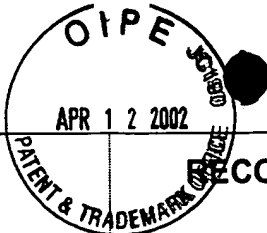
202	FULL NAME OF INVENTOR	FIRST Name Josh	MIDDLE Initial	LAST Name Kriesel	
	RESIDENCE & CITIZENSHIP	City San Francisco	State or Foreign Country CA	Country of Citizenship USA	
	POST OFFICE ADDRESS	70 Liberty #3	City San Francisco	State or Country CA	Zip Code 94110
INVENTOR'S SIGNATURE					DATE <u>4/3/02</u>

203	FULL NAME OF INVENTOR	FIRST Name Grant	MIDDLE Initial	LAST Name Merrill	
	RESIDENCE & CITIZENSHIP	City San Francisco	State or Foreign Country CA	Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS	2462 40 <sup>th</sup> Ave.	City San Francisco	State or Country CA	Zip Code 94116
INVENTOR'S SIGNATURE					DATE <u>4/3/02</u>

204	FULL NAME OF INVENTOR	FIRST Name Donald	MIDDLE Initial B.	LAST Name Bivin	
	RESIDENCE & CITIZENSHIP	City Oakland	State or Foreign Country CA	Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS	5224 Shafter Ave.	City Oakland	State or Country CA	Zip Code 94618
INVENTOR'S SIGNATURE <u>Donald B. Bivin</u> DATE <u>4/3/02</u>					

205	FULL NAME OF INVENTOR	FIRST Name Thomas	MIDDLE Initial H.	LAST Name Smith	
	RESIDENCE & CITIZENSHIP	City San Carlos	State or Foreign Country CA	Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS	2041 Greenwood Ave.	City San Carlos	State or Country CA	Zip Code 94070
INVENTOR'S SIGNATURE <u>Thomas H. Smith</u> DATE <u>4/3/2002</u>					

206	FULL NAME OF INVENTOR	FIRST Name Martin	MIDDLE Initial Stuart	LAST Name Edelstein	
	RESIDENCE & CITIZENSHIP	City Foster City	State or Foreign Country CA	Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS	1126 Blythe Street	City Foster City	State or Country CA	Zip Code 94404
INVENTOR'S SIGNATURE <u>Martin Edelstein</u> DATE <u>4/7/02</u>					



# **RECORDATION FORM COVER SHEET PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No. **269/003**

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Timothy B. Karpishin; Josh Kriesel; Grant Merrill; Donald B. Bivin; Thomas S. Smith; Martin S. Edelstein; Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party: Name: <u>Covalent Partners, LLC</u> Internal Address: _____ City: _____ State: _____ Zip: _____ Street Address: <u>330 Beach Road</u> City: <u>Burlingame</u> State: <u>CA</u> Zip: <u>94010</u> Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>April 3, 2002</u></p>	

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): <u>10/071,377</u>	B. Patent No(s): _____
--	------------------------

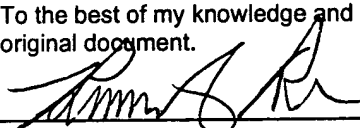
Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Bernard F. Rose, Esq.</u> Internal Address: <u>LYON &amp; LYON LLP</u> <u>633 West Fifth Street, Suite 4700</u> <u>Los Angeles, CA 90071-2066</u></p>	<p>6. Total number of applications and patents involved: _____</p> <p>7. Total fee (37 CFR 3.41): <u>\$ 40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge this Deposit Account if any additional fee is required</p> <p>8. Deposit Account Number: <u>12-2475</u></p>
---	--

## **DO NOT USE THIS SPACE**

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
Bernard F. Rose, Reg No. 42,112

Date: 4/11/02

Total number of pages including cover sheet: 9

OMB No. 0651-0011 (exp. 4/94)

**Do not detach this portion**

Mail documents to be recorded with required cover sheet information to:

**Director — U.S. Patent and Trademark Office**

**Box Assignments**

**Washington, D.C. 20231**

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503



Patent  
269/003

**POWER OF ATTORNEY  
By Assignee**

Covalent Partners, LLC, assignee(s) of the application for United States Letters Patent for an improvement in

AMPHIPHILIC MOLECULAR MODULES AND CONSTRUCTS BASED THEREON  
by Karpishin, T.; Kriesel, J.; Merrill, G.; Bivin, D.; Smith, T.; Edelstein, M

the specification of which:

- ☐ is filed herewith, OR  
☒ was filed on February 7, 2002, having U.S. Patent Application Serial No. 10/071,377,

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by Customer Number 22249:



**22249**

PATENT TRADEMARK OFFICE

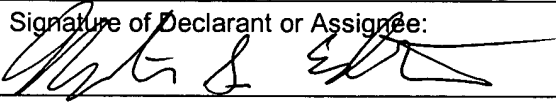
LYON & LYON LLP  
Suite 4700  
633 W. Fifth Street  
Los Angeles, CA 90071  
(213) 489-1600

Please send all inquiries to BERNARD F. ROSE, ESQ., at the above Customer Number.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

- ☒ is filed for recordation herewith; or  
☐ was recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
☐ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Covalent Partners, LLC	
Post Office Address: 330 Beach Road, Burlingame, CA 94010	
Signature of Declarant or Assignee: 	Date: 2/12/02
Full Name of Declarant If Other Than Assignee:	
Title of Declarant: <i>Manager</i>	
Address of Declarant: <i>1126 BLVD ST. Foster City CA 94404</i>	

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **TIMOTHY B. KARPISHIN**, a citizen of the United States of America; **JOSH KRIESEL**, a citizen of the United States of America ; **GRANT MERRILL**, a citizen of a citizen of the United States of America; **DONALD B. BIVIN**, a citizen of the United States of America; **THOMAS H. SMITH**, a citizen of the United States of America; and **MARTIN S. EDELSTEIN** a citizen of the United States of America; (hereinafter referred to as "ASSIGNORS") have invented a certain invention entitled **AMPHIPHILIC MOLECULAR MODULES AND CONSTRUCTS BASED THEREON** for which application for Letters Patent of the United States of America has been filed on February 7, 2002, assigned Serial No.10/071,377; and

WHEREAS, **COVALENT PARTNERS, LLC**, a corporation organized and existing under and by virtue of the laws of the **STATE OF CALIFORNIA** and having its place of business at 330 Beach Road, Burlingame, CA 94010, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or

reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Burlingame  
California, this 3<sup>rd</sup> day of April, 2002.

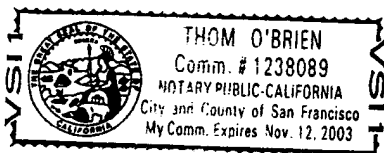
Timothy B. Karpishin  
TIMOTHY B. KARPISHIN

STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss

On 4/03/02 before me, Thom O'Brien, personally appeared  
TIMOTHY B. KARPISHIN

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
Notary Public in and for said County and State



WITNESS my hand at Burlingame California  
California, this 3<sup>rd</sup> day of April, 2002.

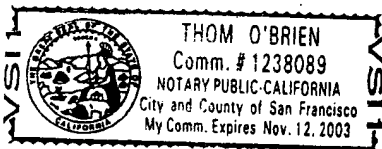
  
JOSH KRIESEL

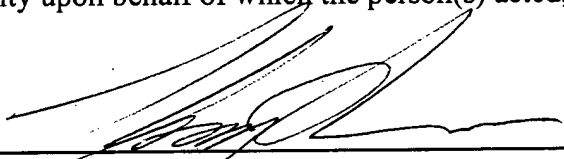
STATE OF CALIFORNIA                    )  
  ) ss  
COUNTY OF SAN MATEO            )

On 4/03/02 before me, Thom O'Brien, personally appeared  
JOSH KRIESEL

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



  
Notary Public in and for said County and State

WITNESS my hand at Burlingame, CA

California, this 3 day of April, 2002.

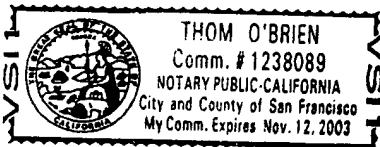
9/1 4/3/02  
GRANT MERRILL

STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss

On 4/03/02 before me, Thom O'Brien, personally appeared  
GRANT MERRILL

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
Notary Public in and for said County and State

WITNESS my hand at Burlingame  
California, this 3 day of April, 2002.

Donald B. Bivin  
DONALD B. BIVIN

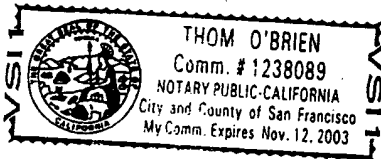
STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss

On 4/03/02 before me, Thom O'Brien, personally appeared  
DONALD B. BIVIN

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Thom O'Brien  
Notary Public in and for said County and State



WITNESS my hand at Burlingame

California, this 3 day of April, 2002.

Thomas H. Smith  
THOMAS H. SMITH

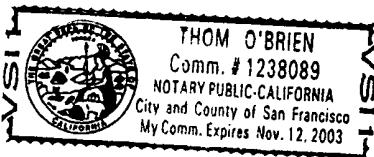
STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss

On 4/03/02 before me, Thom O'Brien, personally appeared  
THOMAS H. SMITH

☐ personally known to me - **OR** - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]  
Notary Public in and for said County and State



WITNESS my hand at Burlingame CA  
California, this 3 day of April, 2002.

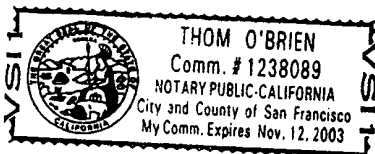
Martin S. Edelstein  
MARTIN S. EDELSTEIN

STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss

On 4/03/02 before me, Thom O'Brien, personally appeared  
MARTIN S. EDELSTEIN

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
Notary Public in and for said County and State